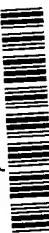




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USPTO  
10/11/01

01/11/01

IN THE UNITED STATES  
PATENT AND TRADEMARK OFFICE

## PATENT APPLICATION

Lee-Fang Wei

CASE 52

TITLE Bandwidth-Efficient Modulation In Communication Systems

ASSISTANT COMMISSIONER FOR PATENTS  
WASHINGTON, D.C. 20231"Express Mail" mailing label  
number: EK908722675US

Date of Deposit 10/11/01

I hereby certify that this application  
being deposited with the United States Postal  
Service "Express Mail Post Office to  
Addressee" service under 37 CFR 1.10 on the  
date indicated above and is addressed to the  
Commissioner of Patents and Trademarks  
Washington, D.C. 20231.

A. Pettit

(Printed name of person mailing paper or fee)

A. Pettit

(Signature of person mailing paper or fee)

SIR:

NEW APPLICATION UNDER 37 CFR § 1.53(b)

Enclosed are the following papers relating to the above-named application for patent:

Specification

9 Informal Sheets of drawing(s)

1 Assignment(s) with Cover Sheet

Declaration and Power of Attorney

CLAIMS AS FILED				
	NO. FILED	NO. EXTRA	RATE	CALCULATIONS
Total Claims	29 - 20 =	9	x \$18 =	\$162
Independent Claims	5 - 3 =	2	x \$80 =	\$160
Multiple Dependent Claims, if applicable			+ \$270 =	\$0
Basic Fee				\$710
			<b>TOTAL FEE</b>	<b>\$1032</b>

Please file the application and charge **Lucent Technologies Deposit Account No. 12-2325** the amount of \$1032, to cover the filing fee. Duplicate copies of this letter are enclosed. In the event of non-payment or improper payment of a required fee, the Commissioner is authorized to charge or to credit **Deposit Account No. 12-2325** as required to correct the error.

The Assistant Commissioner for Patents is hereby authorized to treat any concurrent or future reply, requiring a petition for extension of time under 37 CFR § 1.136 for its timely submission, as incorporating a petition for extension of time for the appropriate length of time if not submitted with the reply.

Please address all correspondence to **Docket Administrator (Room 3J-219), Lucent Technologies Inc., 101 Crawfords Corner Road, Holmdel, NJ 07733**. However, telephone calls should be made to me at 908-582-6866.

Respectfully,

John F. McCabe  
Reg. No. 42,854  
Attorney for Applicant(s)

Date: Jan. 11, 2001

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